

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1. (Cancelled)
2. (Previously Presented) An optical device comprising:
 - a substrate including a through hole;
 - an optical element mounted on the substrate and having an optical section placed to face the through hole; and
 - a light transmissive member disposed at the through hole;
 - wherein light transmissive under-fill material is provided between the substrate and the optical element and between the light transmissive member and the optical element and a spacer is disposed in the under-fill material.
3. (Previously Presented) An optical device comprising:
 - a substrate including a through hole;
 - an optical element mounted on the substrate and having an optical section placed to face the through hole; and
 - a light transmissive member disposed at the through hole;
 - wherein a spacer is interposed between the optical element and the light transmissive member, the spacer regulating a space between the optical element and the light transmissive member.

4. (Previously Presented) An optical device according to claim 2, wherein the light transmissive member is in a lens shape.

5. (Cancelled)

6. (Previously Presented) An optical device comprising:
a substrate including a through hole;
an optical element mounted on the substrate and having an optical section placed to face the through hole; and
a lens provided on the substrate and covering the through hole,
wherein light transmissive under-fill material is provided between the substrate and the optical element and between the lens and the optical element and a spacer is disposed in the under-fill material.

7. (Previously Presented) An optical device comprising:
a substrate including a through hole;
an optical element mounted on the substrate and having an optical section placed to face the through hole; and
a lens provided on the substrate and covering the through hole,
wherein a spacer is interposed between the substrate and the lens.

8. – 21. (Cancelled)

22. (Previously Presented) An optical device according to claim 3, wherein the light transmissive member is in a lens shape.

23. (Currently Amended) An optical device comprising:
a substrate having an upper surface and a lower surface opposite the upper surface, the substrate including a through hole;
an optical element adheredmounted to the lower surface of the substrate and having an optical section facing the through hole; and
a lens shaped light transmissive member mounted in the through hole;
wherein an upper end of a side surface of the light transmissive member is recessed within the through hole relative to the upper surface of the substrate.

24. (Previously Presented) An optical device comprising:
a flexible substrate including a through hole;
an optical element mounted on the substrate and having an optical section placed to face the through hole; and
a light transmissive member disposed at the through hole;
wherein the flexible substrate is bent, an electronic element other than the optical element is mounted on the flexible substrate, and a surface of the optical element is adhered to a surface of the electronic element.

25. (Previously Presented) An optical device according to claim 24, wherein light transmissive under-fill material is provided between the flexible substrate

and the optical element and between the light transmissive member and the optical element and a spacer is disposed in the under-fill material.